



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6/IOS
Q700
9/28/05

Applicant: Sterling J. Backus, Henry C. Kapteyn
Margaret Mary Memane

: June 23, 2003

Serial No.: 10/062,584

: Group art unit 2881

Filed: February 2, 2002

For: ULTRASHORT PULSE AMPLIFICATION I CRYOGENICALLY COOLED
AMPLIFIERS

INFORMATION DISCLOSURE STATEMENT

Attached hereto is Form PTO-1449 listing documents believed relevant to the above identified application. It is respectfully requested that these documents be considered by the Examiner and placed of record in this application, and an initialed copy of the form be returned to the undersigned.

A copy of each reference is enclosed.

None of the references, alone or in combination, disclose a Ultrashort pulse amplification in cryogenically cooled amplifiers, as is taught and claimed in this application.

Respectfully submitted,
Sterling J. Backus, Henry C. Kapteyn and
Margaret Mary Memane

By

Jennifer L. Bales
Attorney Reg. No. 38,070
Telephone (303) 664-4734
Facsimile (303) 664-4735
e-mail: bales@mbj-law.com

Enclosures

docket# C01.110

RECEIVED
JUN 27 2003
TC 2800 MAIL ROOM

BEST AVAILABLE COPY

2881



PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/062,584
		Filing Date	February 2, 2002
		First Named Inventor	Sterling J. Backus
		Art Unit	2881
		Examiner Name	
Total Number of Pages in This Submission	14	Attorney Docket Number	C01.110

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Post Card 11 References
Remarks		

JUN 21 11 28 AM '03
TC 2800 MAIL ROOM

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Jennifer L. Bales
Signature	<i>Jennifer L. Bales</i>
Date	June 23, 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: June 23, 2003			
Typed or printed	Michelle Mintling		
Signature	<i>Michelle Mintling</i>	Date	June 23, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

BEST AVAILABLE COPY

Sheet 1 of 1.

Form PTO-449

Docket Number (Optional)
C01.110Application Number
10/162,584INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Applicant Sterling J. Backus, Henry C. Kapteyn and Margaret Mary Memane

(Use several sheets if necessary)

Filing Date
February 2, 2002Group Art Unit
2881

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5	2	8	5	3	1	0	2/8/94	Miller et al.	359	338	1/21/92
	3	5	9	7	6	9	5	8/3/71	Swain	330	4.3	5/23/69
	6	1	2	2	0	9	7	9/19/00	Weston et al.	359	345	4/16/99
	5	7	9	0	3	0	3	8/4/98	Weston et al.	359	345	1/23/97
	4	8	9	6	1	1	9	1/23/90	Williamson et al.	330	4.3	6/7/84
	5	6	4	4	4	2	4	7/1/97	Backus et al.	359	347	3/18/96
	5	2	3	9	4	0	8	8/24/93	Hackel et al.	359	338	9/22/92
	6	1	4	4	4	8	4	11/7/00	Marshall	359	333	12/20/99
	5	9	6	3	3	6	3	10/5/99	Weston et al.	359	345	7/29/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Backus, S., Durfee III, C. G., Mourou, G. Kapteyn, H. C., Mumane, M. M., "0.2-TW laser systemat 1 KHz", Optics Letters/Vol.22, No. 16/ August 15, 1997
	Backus, S., Durfee III, C. G., Mumane, M. M., Kapteyn, H. C., "High power ultrafast lasers", Review Of Scientific Instruments, Vol. 69, Number 3, March 1998

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

BEST AVAILABLE COPY